

Patent Claims

1. A vehicle seat with a back rest (11), with an in particular height-adjustable head restraint (12) having a head cushion (15), and with a device (13) for heating the neck and head region of a seat user (10) with hot air, which has an air-guiding duct (16) which is arranged in the head cushion (15) and has a hot air outlet opening (18), characterized in that the hot air outlet opening (18) is arranged on the lower side (152) of the head cushion (15), and the intermediate space between the lower side (152) of the head cushion (15) and the upper side (111) of the back rest (11) is shielded to the rear by means of a covering (23).
2. The vehicle seat as claimed in claim 1, characterized in that the covering (23) has a rear wall (231) extending on the rear side (151, 112) of head restraint (12) and back rest (11), which rear side faces away from the seat user (10), and has side walls (232, 233) which are fitted laterally on the head cushion (15) and extend as far as the upper side (111) of the back rest (11).
3. The vehicle seat as claimed in claim 1 or 2, characterized in that the covering (23) is a preferably elastic curtain (25).
4. The vehicle seat as claimed in claim 1 or 2, characterized in that the covering (23) is an apron (26) which is clamped on the rear side (112) of the back rest (11) via elastic straps (27, 28).
5. The vehicle seat as claimed in claim 1 or 2, characterized in that the covering (23) is a plate.
6. The vehicle seat as claimed in claim 1,

characterized in that the covering (23) is formed by a raised end portion (29) of the back rest (11).

7. The vehicle seat as claimed in claim 6, characterized in that the back rest end portion (29) has a substantially lower depth in the longitudinal direction of the seat than the back rest (11), and in that, in every height setting of the head restraint (12), the head cushion (15) engages over the back rest end portion (29) from above on its front side facing the seat user (10).

8. The vehicle seat as claimed in one of claims 1-5, characterized in that an air-guiding element (24; 24') is arranged in the intermediate space between head cushion (15) and back rest (11) and is designed in such a manner that the hot air flowing out of the hot air outlet opening (18) is deflected toward the neck and head region of the seat user (10).

9. The vehicle seat as claimed in claim 8, characterized in that the air-guiding element (24; 24') is fastened on the upper side (111) of the back rest (11).

10. The vehicle seat as claimed in claim 8 or 9, characterized in that the air-guiding element (24') extends through the hot air outlet opening (18) into the air-guiding duct (16).

11. The vehicle seat as claimed in one of claims 1-10, characterized in that the air-guiding duct (16) formed in the head cushion (15) has an air inlet opening (17) which is arranged on the rear side (151) of the head cushion (15), which side faces away from the seat user (10), and is preferably covered by a grille (19), and in that the device (13) for heating the neck and head region of the seat user (10) is integrated in the air-guiding duct (16).

12. The vehicle seat as claimed in claim 11, characterized in that the device (13) has an electric heating element (21) arranged in the air-guiding duct (16).

13. The vehicle seat as claimed in claim 12, characterized in that the device (13) has an axial fan (22), in particular a miniature fan, which is arranged in the air-guiding duct (16) and is arranged in the air stream upstream or downstream of the electric heating element (21).